

Comparisons of Job Characteristics

Focus Occupation: [Construction Managers \(11-9021\)](#)

Associated Occupation: [Supervisors of Construction and Extraction Workers \(47-1011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Building and Construction	4.0	16.9	22.2	>> Current knowledge level is likely more than sufficient
Mechanical	6.8	13.9	11.9	< Expanded education and/or training may be required
Administration and Management	8.4	12.8	16.5	>> Current knowledge level is likely more than sufficient
Mathematics	9.2	12.8	12.6	0 Current knowledge level may be sufficient
Design	5.2	10.9	14.4	>> Current knowledge level is likely more than sufficient
Engineering and Technology	5.7	10.6	15.3	>> Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	10.2	12.2	> Current knowledge level is likely sufficient
Personnel and Human Resources	5.6	8.6	11.0	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	12.2	12.8	0 Current skill level may be sufficient
Management of Personnel Resources	6.9	11.6	13.0	> Skill level is likely sufficient
Time Management	8.9	11.2	12.9	> Skill level is likely sufficient

Persuasion	7.4	9.6	11.7	>	Skill level is likely sufficient
Equipment Selection	3.3	6.9	2.1	<<	Extensive development of skills in this area may be required
Management of Material Resources	3.7	5.6	10.4	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	13.4	14.5	0	Current ability level may be sufficient
Oral Expression	12.4	13.3	13.5	0	Current ability level may be sufficient
Problem Sensitivity	11.1	12.1	14.2	>	Current ability level is likely sufficient
Deductive Reasoning	10.6	11.2	13.0	>	Current ability level is likely sufficient
Near Vision	11.1	11.0	12.2	>	Current ability level is likely sufficient
Written Comprehension	11.0	10.7	13.5	>	Current ability level is likely sufficient
Written Expression	9.8	10.6	11.4	0	Current ability level may be sufficient
Inductive Reasoning	10.2	10.4	10.8	0	Current ability level may be sufficient
Visualization	7.5	9.8	11.5	>	Current ability level is likely sufficient
Number Facility	6.3	8.2	11.0	>>	Current ability level is likely more than sufficient
Time Sharing	6.6	7.9	8.3	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 86

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Work Activities	Exclusivity of Activity
Assign work to staff or employees	30
Direct and coordinate activities of workers or staff	3
Direct and coordinate construction of mine shafts or tunnels	89
Estimate materials or labor requirements	61
Inspect project operations, or site to determine specification compliance	72
Order or purchase supplies, materials, or equipment	35
Perform safety inspections in construction or resource extraction setting	46
Plan or organize work	51
Schedule employee work hours	60

Set priorities for construction workers	99
Understand construction specifications	53

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 84

Focus Occupation: Construction Managers (11-9021)

Associated Occupation: Supervisors of Construction and Extraction Workers (47-1011)

Tools and Technologies	Exclusivity
Business function specific software	1
Computer data input devices	2
Computers	1
Content authoring and editing software	1
Content management software	6
Data management and query software	1
Indicating and recording instruments	2
Industry specific software	1
Information exchange software	1
Light and wave generating and measuring equipment	4
Measuring and layout tools	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.